

Name: _____

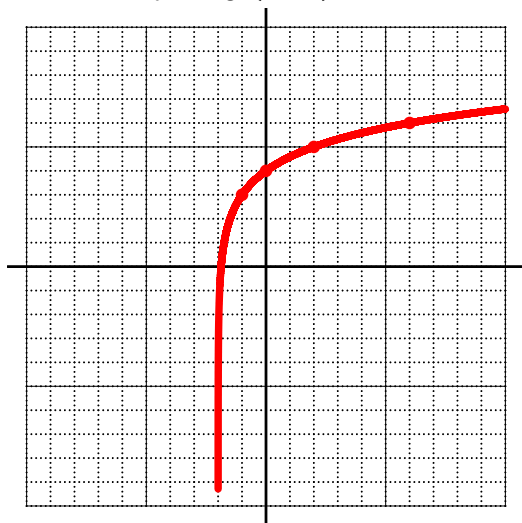
Date: _____

PCW_09_29 SOLUTION: Graph Parent Translations (version 4)

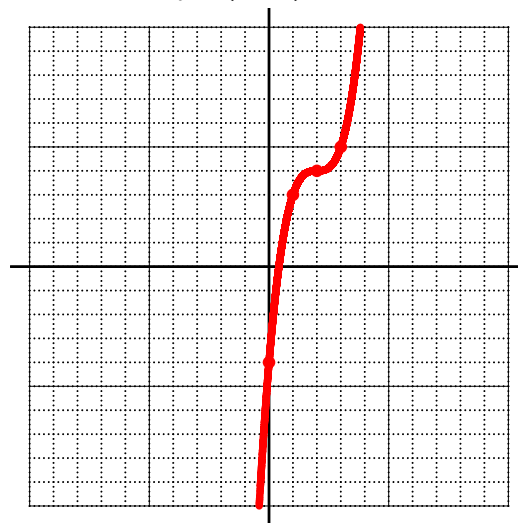
Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10 .

Clearly mark every solution where x and y are both integers with a small dot along the curve.

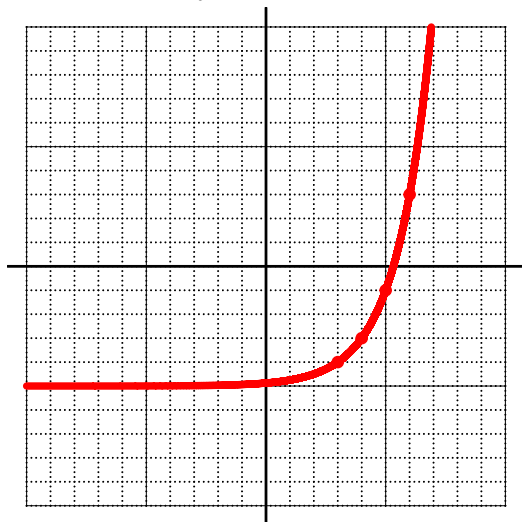
$$y = \log_2(x+2) + 3$$



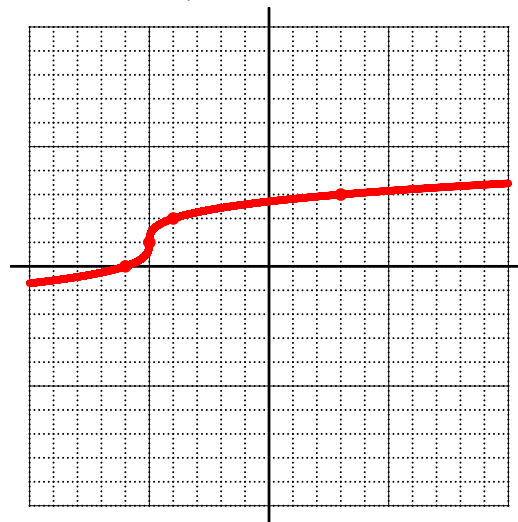
$$y = (x-2)^3 + 4$$



$$y = 2^{x-3} - 5$$



$$y = \sqrt[3]{x+5} + 1$$



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